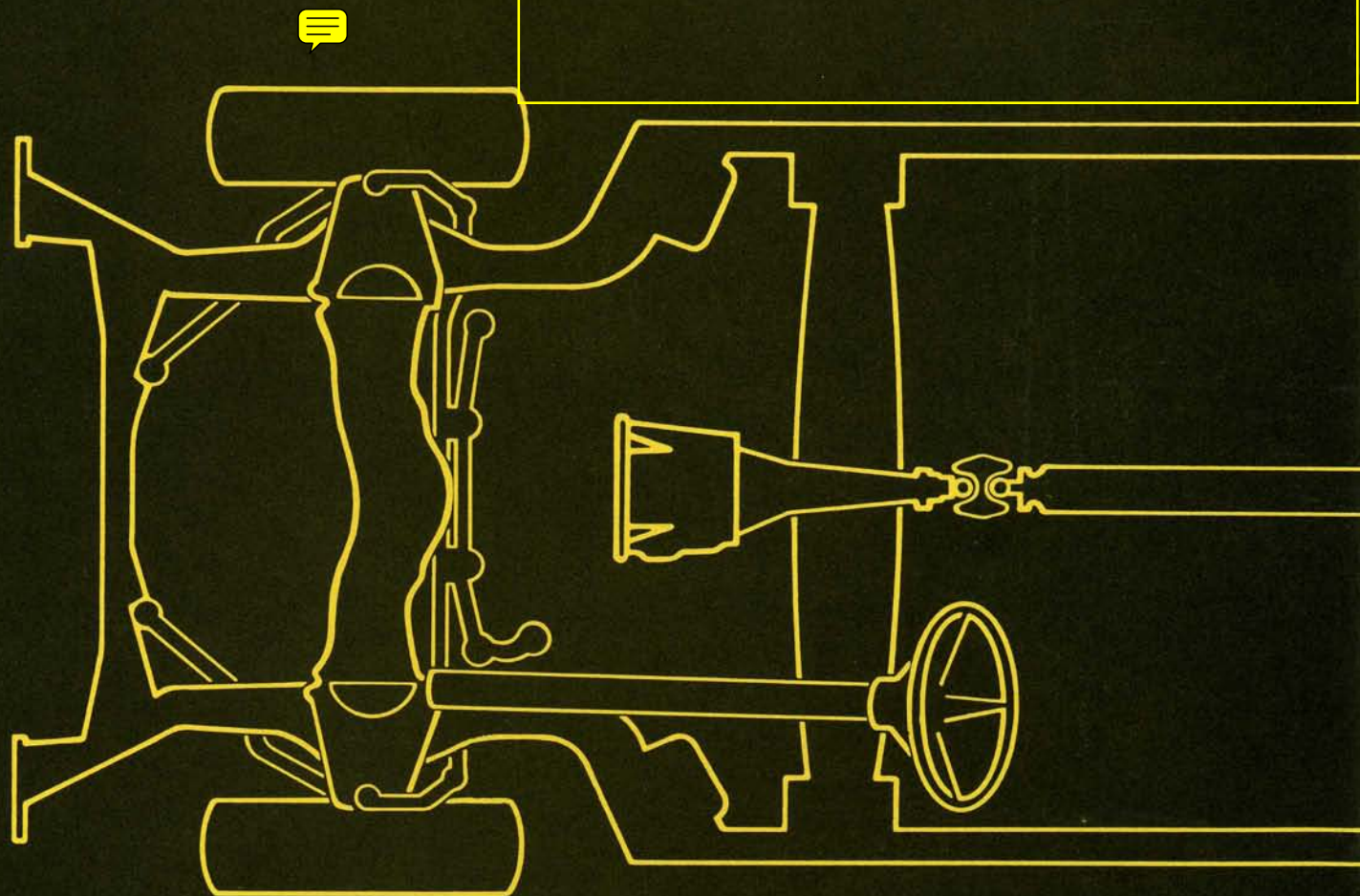




1973 CAR SHOP MANUAL



Volume 1

Chassis

Copyright © 2007, Forel Publishing Company, LLC, Woodbridge, Virginia

All Rights Reserved. No part of this book may be used or reproduced in any manner whatsoever without written permission of Forel Publishing Company, LLC. For information write to Forel Publishing Company, LLC, 3999 Peregrine Ridge Ct., Woodbridge, VA 22192

1973 Ford Car Shop Manual
Form 365-126-73A/B/C/D/E
ISBN: 1-60371-000-0
EAN: 978-1-60371-000-8

Forel Publishing Company, LLC
3999 Peregrine Ridge Ct.
Woodbridge, VA 22192

Marketed by MustangServiceManual.com



5236

Disclaimer

Although every effort was made to ensure the accuracy of this book, no representations or warranties of any kind are made concerning the accuracy, completeness or suitability of the information, either expressed or implied. As a result, the information contained within this book should be used as general information only. The author and Forel Publishing Company, LLC shall have neither liability nor responsibility to any person or entity with respect to any loss or damage caused, or alleged to be caused, directly or indirectly by the information contained in this book. Further, the publisher and author are not engaged in rendering legal or other professional services. If legal, mechanical, electrical, or other expert assistance is required, the services of a competent professional should be sought.

Group Index

1973 CAR SHOP MANUAL

Volume I Chassis

Identification Codes	10
Wheels and Tires	11
Brakes	12
Steering	13
Suspension	14
Driving Axles and Drive Shafts	15
Clutch and Manual Transmission	16
Automatic Transmission	17

Vol. II	Vehicle Identification	20
	Gasoline Engines	21
	Ignition System	23
	Fuel System	24
	Exhaust System	26
	Cooling System	27
	Starting System	28
	Vol. III	Identification Codes
Charging System		31
Lighting System		32
Instruments, Clusters and Controls		33
Main Wiring Harnesses and Circuit Protection		34
Auxiliary Equipment		35
Ventilating, Heating and Air Conditioning		36
Speed Control and Anti-Skid Control		37
Vol. IV	Identification Codes	40
	Seats	41
	Window Glass and Mechanisms	42
	Stationary Window Glass	43
	Doors, Hood, Luggage Compartment Door & Tailgate	44
	Interior Trim	45
	Tops and Exterior Finishes	46
	Body Shell, Exterior Trim, Frame & Underbody	47
Vol. V	Maintenance and Lubrication	50
Vol. VI	Engine Diagnosis & Emissions Systems Service	

Official Licensed Product

Ford Motor Company

5006

March 2002



Ford Marketing Corporation
Ford Customer Service Division
Service Technical Communications Department

First Printing—September, 1972
© Ford Marketing Corporation, Dearborn, Michigan

Identification Codes

GROUP
10

OFFICIAL VEHICLE IDENTIFICATION NUMBER

The official Vehicle Identification

Number (VIN) (Fig. 1) for title and registration purposes is stamped on a metal tab that is fastened to the

instrument panel close to the windshield on the driver's side of the car and is visible from outside.

F 3S56H100001 *F*
(VEHICLE IDENTIFICATION NUMBER)

MFD. BY FORD MOTOR CO. IN U.S.A.
DATE: 08/72 GVWR 5892
GAWR: FRONT 2964, REAR 2928

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

①	3S56H100001	PASSENGER	⑧
②	VEH. IDENT. NO.	TYPE	
③	57F	IC	
④	DA	W	⑨
⑤	6	48	
⑥	(UNITED STATES)		⑩
⑦			⑪
			⑫

- | | |
|------------------------|--------------------------------|
| ① CONSECUTIVE UNIT NO. | ⑦ COLOR CODE |
| ② BODY SERIAL CODE | ⑧ VEHICLE TYPE |
| ③ MODEL YEAR CODE | ⑨ DISTRICT - SPECIAL EQUIPMENT |
| ④ ASSEMBLY PLANT CODE | ⑩ REAR AXLE CODE |
| ⑤ ENGINE CODE | ⑪ TRANSMISSION CODE |
| ⑥ BODY TYPE CODE | ⑫ TRIM CODE |

MFD. BY FORD MOTOR CO. IN U.S.A.
DATE: 08/72
THIS VEHICLE MANUFACTURED FOR EXPORT

VEH. IDENT. NO.	BODY	COL.
TRIM	AXLE	TRANS.
		DSO

(EXPORT)

MFD. BY FORD MOTOR CO. OF CANADA LTD. IN CANADA
DATE: 08/72 GVWR 5892
GAWR: FRONT 2964, REAR 2928

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.

3B49S500001	PASSENGER				
VEH. IDENT. NO.	TYPE				
53B	1C	DA	W	6	B1

(CANADA)



Y1410-C

FIG. 1 Vehicle Identification and Certification Labels

VEHICLE CERTIFICATION LABEL

The Vehicle Certification Label (V.C. Label) (Fig. 1) is attached to the rear face of the left front door on all 4-door models and Mustangs and Cougars, and to the left door lock pillar on all other 2-door models. The upper half of the label contains the name of the manufacturer, the month and year of manufacture, the Gross Vehicle Weight Rating (GVWR), the Gross Axle Weight Rating (GAWR), and the certification statement.

The V.C. label also contains the Vehicle Identification Number. This number is also used for warranty identification of the vehicle. The first number indicates the model year. The letter following the model year number indicates the manufacturing assembly plant. The next two numbers designate the Body Serial Code followed by a letter expressing the Engine Code.

The last six digits of the Vehicle Identification Number indicate the Consecutive Unit Number of each unit

built at each assembly plant. The Consecutive Unit Numbers begin as follows:

100,001—Ford, Torino, Mustang, Thunderbird, Maverick and Pinto.

500,001—Mercury, Meteor, Montego, Cougar, Comet.

800,001—Lincoln Continental and Continental Mark IV.

The remaining information on the V.C. Label consists of the following vehicle identification codes:

The BODY code is two numerals

and a letter identifying the body style.

The COL (color) code is a number and letter indicating the exterior paint color code.

The TRIM code consists of a two-letter or a letter-number combination designating the interior trim.

The AXLE code is a number or letter indicating the rear axle ratio and standard or locking type axles.

The TRNS. code is a number or letter indicating the type of transmission.

The DSO code, consisting of two numbers, designates the district in

which the car was ordered and may appear in conjunction with a Domestic Special Order or Foreign Special Order number when applicable. Ford of Canada DSO codes consist of a letter and a number.

The following charts provide the various codes and their respective identification:

ASSEMBLY PLANT, ENGINE, TRANSMISSION, REAR AXLE RATIO, DISTRICT AND EXTERIOR PAINT CODES

ASSEMBLY PLANT CODES

Code Letter	
A	Atlanta
B	Oakville (Canada)
E	Mahwah
F	Dearborn
G	Chicago
H	Lorain
J	Los Angeles
K	Kansas City
N	Norfolk
P	Twin Cities
R	San Jose
S	Allen Park (Pilot)
T	Metuchen
U	Louisville
W	Wayne
X	St. Thomas
Y	Wixom
Z	St. Louis

ENGINE CODES

Codes	No. of Cyls.	Displacement
A	8	460-4V
C	8	460-4V Police
F	8	302-2V
H	8	351-2V
L	6	250-1V
N	8	429-4V
Q	8	351-4V (CJ)
S	8	400-2V
T	6	200-1V
W	4	91-1V (1600 cc)
X	4	122-2V (2000 cc)
3⓪	6	250-1V

① Low Compression Export

DISTRICT CODES

LINCOLN-MERCURY

Code	District
11	Boston
15	New York
16	Philadelphia
17	Washington
21	Atlanta
22	Dallas
23	Jacksonville
26	Memphis
31	Buffalo
32	Cincinnati
33	Cleveland
34	Detroit
41	Chicago
42	St. Louis
46	Twin Cities
51	Denver
52	Los Angeles
53	Oakland
54	Seattle
84	Home Office Reserve
90	Export

FORD OF CANADA

Mercury Code	Region	Ford Code
A1	Central	B1
A2	Eastern	B2
A3	Atlantic	B3
A4	Midwestern	B4
A6	Western	B6
A7	Pacific	B7
I2	Export	I2

DISTRICT CODES

FORD

Code	District
11	Boston
12	Buffalo
13	New York
14	Pittsburgh
15	Newark
16	Philadelphia
17	Washington
21	Atlanta
22	Charlotte
23	Memphis
24	Jacksonville
25	Richmond
26	New Orleans
28	Louisville
41	Chicago
42	Cleveland
43	Milwaukee
45	Lansing
46	Indianapolis
47	Cincinnati
48	Detroit
52	Dallas
53	Kansas City
54	Omaha
55	St. Louis
56	Davenport
57	Houston
58	Twin City
71	Los Angeles
72	San Jose
73	Salt Lake City
74	Seattle
75	Phoenix
76	Denver
83	Government
84	Home Office Reserve
85	American Red Cross
87	Body Company
89	Transportation Services
90-99	Export

TRANSMISSION CODES

Codes	Type
1	3-Speed Manual
5	4-Speed Manual
E	4-Speed Manual
W	Automatic (C4)
U	Automatic (C6)
X	Automatic (FMX)
Z	Automatic (C6 Special)

REAR AXLE RATIO CODES

Conventional	Lock	Ratio
2	K	2.75:1
3	L	2.79:1
6	∅	3.00:1
7	—	3.40:1
9	R	3.25:1
A	S	3.50:1
G	—	3.55:1
—	V	3.91:1

EXTERIOR PAINT COLOR CODES

Code	M-32-J Number	Color	Code	M-32-J Number	Color
1A	5100-A	Lt. Gray Met.	4U	5212-A	Br. Lime Gold Met.
1C	1724-A	Black	5A	3314-A	Pewter Met.
1D	5106-A	Silver Met.	5D	5102-A	Ginger Bronze Met.
2B	3560-A	Br. Red	5F	5099-A	Dk. Brown Met.
2C	5011-A	Red Met.	5H	3564-A	Ginger Met.
2G	5070-A	Med. Red Met.	5J	5071-A	Med. Ginger Met.
2J	3059-A	Maroon	5K	5076-A	Dk. Gold Met.
2K	5255-A	Fuschia	5L	5003-A	Tan
3A	921-A	Platinum	5M	5144-A	Med. Chestnut Met.
3B	3429-A	Lt. Blue	5N	5146-A	Med. Orange Met.
3D	5087-A	Med. Blue Met.	5P	5206-A	Copper Met.
3G	5094-A	Br. Dk. Blue Met.	6B	3565-A	Lt. Goldenrod
3K	5210-A	Br. Blue Met.	6C	3492-A	Med. Goldenrod
3L	5209-A	Silver Blue Met.	6D	3341-A	Yellow
4B	5025-A	Br. Green Gold Met.	6E	5080-A	Med. Brt. Yellow
4C	5072-A	Ivy Bronze Met.	6F	5079-A	Br. Yellow Gold Met.
4D	5069-A	Dk. Ivy Bronze Met.	6G	5086-A	Br. Yellow Gold Met.
4N	5173-A	Med. Aqua	6L	5136-A	Med. Gold Met.
4P	3462-A	Med. Green Met.	9A	1619-A	White
4Q	3542-A	Dk. Green Met.	9C	5289-A	White
4S	5060-A	Lt. Green			

BODY SERIAL AND STYLE CODES

Vehicle	Body Serial Code	Body Style Code	Body Type	Model	Vehicle	Body Serial Code	Body Style Code	Body Type	Model
TORINO	27	53B	4-Dr. Sedan Hardtop	Torino	MERCURY	48	57B	4-Dr. Hardtop	Monterey - Custom
	25	65B	2-Dr. Hardtop			54	53F	4 Dr. Pillar Hardtop	
	30	65D	2-Dr. Hardtop	56		65F	2-Dr. Hardtop		
	31	53D	4-Dr. Sedan Hardtop	58		57F	4-Dr. Hardtop		
	35	63R	2-Dr. Fastback	63		53H	4 Dr. Pillar Hardtop	Marquis	
	38	65R	2-Dr. Hardtop	66		65H	2-Dr. Hardtop		
	40	71B	Torino	Torino Sport		68	57H	4-Dr. Hardtop	
	42	71D	Gran. Torino	Wagons 4-Dr.		62	53K	4 Dr. Pillar Hardtop	Brougham
	43	71K	Torino Squire	Ranchero		64	65K	2-Dr. Hardtop	
	47	97D	Ranchero 500			67	57K	4-Dr. Hardtop	
48	97R	Ranchero GT	72		71B	4-Dr. 6 Pass. ②	Monterey Wagon		
COMET	30	54B	4-Dr. Sedan	Standard	74	71H	4-Dr. 6 Pass. ②	Marquis Wagon	
	31	62B	2-Dr. Sedan ①	Standard	76	71K	4-Dr. 6 Pass. ②	Marquis Colony Park Wagon	
COUGAR	91	65D	2-Dr. Hardtop ①		40	53X	4 Dr. Pillar Hardtop	Marquis (Canada Only)	
	92	76D	Convertible		41	65X	2-Dr. Hardtop		
	93	65F	2-Dr. Hardtop	42	57X	4-Dr. Hardtop			
94	76F	Convertible	XR-7 Luxury	METEOR	49	53S	4 Dr. Pillar Hardtop		Rideau 500
FORD	52	65D	2-Dr. Hardtop (Canada Only)		Custom 500	51	65B	2-Dr. Hardtop	Montcalm
	53	53D	4-Dr. Sedan		Custom 500	50	53B	4 Dr. Pillar Hardtop	
	54	53F	4-Dr. Sedan		Galaxie 500	52	65B	2-Dr. Hardtop	
	56	57F	4-Dr. Hardtop		LTD	53	57B	4-Dr. Hardtop	
	58	65F	2-Dr. Hardtop			70	71B	Rideau 500-6 Pass. ②	Station Wagons-4 Dr.
	61	76H	Convertible			71	71B	Montcalm-6 Pass. ②	
	62	65H	2-Dr. Hardtop	LTD Brougham	MONTEGO	02	53B	4-Dr. Sedan Hardtop	Montego
	63	53H	4 Dr. Pillar Hardtop			03	65B	2-Dr. Hardtop	Montego MX
	64	57H	4-Dr. Hardtop			04	53D	4 Dr. Sedan Hardtop	
	66	53K	4 Dr. Pillar Hardtop			05	63D	2-Dr. Fastback	
67	57K	4-Dr. Hardtop	Custom 500 Ranch ②	07		65D	2-Dr. Hardtop	Montego MX Brougham	
68	65K	2-Dr. Hardtop		10		53K	4-Dr. Sedan Hardtop		
72	71D	4-Dr. Wagon		Country Sedan ②		11	65K	2-Dr. Hardtop	Montego GT
LINCOLN CONTINENTAL	81	65A	2-Dr. Hardtop	Country Squire ②	16	63R	2-Dr. Fastback	Station Wagons-4 Dr.	
	82	53A	4-Dr. Sedan Hardtop		08	71D	Montego MX		
MARK IV	89	65D	2-Dr. Hardtop	MUSTANG	18	71K	Montego MX Villager	Standard	
MAVERICK	91	62A	2-Dr. Sedan		Standard	01	65D		2-Dr. Hardtop
	92	54A	4-Dr. Sedan		Grabber	02	63D		2-Dr. Sportsroof
	93	62D	2-Dr. Sport Sedan			03	76D		Convertible
MERCURY	44	53B	4 Dr. Pillar Hardtop		Monterey	04	65F		2-Dr. Hardtop
	46	65B	4 Dr. Hardtop	PINTO	05	63R	2-Dr. Sportsroof	Mach 1	
THUNDERBIRD	10	62B	2-Dr. Sedan		Standard	11	64B	3-Dr. Model	
	11	64B	3-Dr. Model		12	73B	2-Dr. Wagon		
	87	65K	2-Dr. Hardtop						

① Also "GT" ② Also available w/Dual Face Rear Seats

INTERIOR TRIM CODES

Code	Trim Scheme	Code	Trim Scheme	Code	Trim Scheme	Code	Trim Scheme
COMET		A3	W/Ginger*	FR	Med. Green	E0	W/Blue*
	Random Stripe B/Cloth and Corinth. Vinyl (L/B Bench)	A6	W/Avocado*	FT	Beige-Brn.	EW	W/Black*
BA	Black		Random Stripe B/Cloth and Corinth. Vinyl (H/B Bucket)		Barletta B/Cloth and Corinth. Vinyl (L/B Bench)	E5	W/Green*
BB	Med. Blue	BA	Black	GA	Black	E9	W/Tobacco*
BF	Ginger	BB	Med. Blue	GB	Med. Blue		Sarasota B/Cloth and Corinth. Vinyl (L/B S/Bench)
BG	Avocado	BF	Med. Ginger	GF	Ginger	FF	Ginger
	Tooled Leather/Corinth. Vinyl (L/B Bench)	BG	Avocado	GR	Med. Green	FP	Silver
HA	Black	BU	Tan	GT	Beige-Brn.	FY	Gold
HB	Blue		Sebring Knit and Corinth. Vinyl (H/B Bucket)		Aurora B/Cloth and Corinth. Vinyl (H/B Flight Bench)		Victoria B/Cloth and Corinth. Vinyl (L/B Flight Bench)
HC	Orange	CA	Black	HA	Black	GA	Black
HF	Ginger	CB	Med. Blue	HB	Med. Blue	GP	Silver
HG	Avocado	CF	Med. Ginger	HR	Med. Green	GT	Beige-Brn.
	Aurora B/Cloth and Corinth. Vinyl (L/B Bench)	CG	Avocado	HT	Beige-Brn.		Natural Grain Leather and Mateao Vinyl (L/B Flight Bench)
JA	Black	CU	Tan	HZ	Tobacco	HA	Black
JB	Blue	CO	W/Blue*		Aurora B/Cloth and Corinth. Vinyl (H/B S/Bench)	HP	Silver
JF	Ginger	CW	W/Black*	JA	Black	HT	Beige-Brn.
JG	Avocado	C3	W/Ginger*	JB	Med. Blue	MAVERICK	
	Corinth. Vinyl (L/B Bench)	C6	W/Avocado*	JR	Med. Green		Random Stripe B/Cloth and Corinth. Vinyl (L/B Bench)
KA	Black		Natural Grain Leather and Mateao Vinyl (H/B Bucket)	JT	Beige-Brn.	BA	Black
KB	Blue	DA	Black	JZ	Tobacco	BB	Med. Blue
KC	Orange	DB	Med. Blue		Ruffino/Corinth. Vinyl (H/B S/Bench)	BF	Ginger
KF	Ginger	DF	Med. Ginger	KA	Black	BG	Avocado
KG	Avocado	DG	Avocado	KB	Med. Blue		Tooled Leather/Corinth. Vinyl (L/B Bench)
	Corinth. Vinyl (H/B Bucket)	OU	Tan	KF	Ginger		
LA	Black	DO	W/Blue*	KR	Med. Green	LINCOLN CONTINENTAL	
LB	Med. Blue	DW	W/Black*		Sarasota B/Cloth and Corinth. Vinyl (L/B Flight Bench)	HA	Black
LC	Orange	D3	W/Ginger*	AF	Ginger	HB	Blue
LF	Ginger	D6	W/Avocado*	AP	Silver	HC	Orange
LG	Avocado		Random Stripe B/Cloth and Corinth. Vinyl (H/B Bucket)	AY	Gold	HF	Ginger
	Corinth. Vinyl (H/B Bucket)	EA	Black		Westminster B/Cloth and Corinth. Vinyl (L/B Flight Bench)	HG	Avocado
PU	Tan	EB	Med. Blue	BA	Black		Aurora B/Cloth and Corinth. Vinyl (L/B Bench)
CONTINENTAL MARK IV		EF	Med. Ginger	BB	Dk. Blue	JA	Black
	Westminster B/Cloth and Corinth. Vinyl (L/B S/Bench)	EG	Avocado	BR	Dk. Green	JB	Blue
AA	Black	EU	Tan	BZ	Tobacco	JF	Ginger
AB	Dk. Blue	FORD			Tobacco	JG	Avocado
AO	Dk. Red		Linares B/Cloth and Corinth. Vinyl (L/B Bench)		Westminster B/Cloth and Corinth. Vinyl (L/B S/Bench)		Corinth. Vinyl (L/B Bench)
AP	Silver	AA	Black	CA	Black	KA	Black
AR	Dk. Green	AB	Med. Blue	CB	Dk. Blue	KB	Blue
AT	Beige-Brn.	AR	Med. Green	CR	Dk. Green	KC	Orange
AY	Gold	AT	Beige-Brn.	CZ	Tobacco	KF	Ginger
AZ	Tobacco		Akron/Corinth. Vinyl (L/B Bench)		Natural Grain Leather and Mateao Vinyl (L/B Flight Bench)	KG	Avocado
	Victoria Corduroy B/Cloth	BA	Black	DA	Black		Corinth. Vinyl (H/B Bucket)
AH	Cranberry	BB	Med. Blue	DB	Dk. Blue	LA	Black
	Natural Grain Leather/Corinth. Vinyl (L/B S/Bench)	BR	Med. Green	DD	Dk. Red	LB	Med. Blue
BA	Black	BT	Beige-Brn.	DF	Ginger	LC	Orange
BB	Dk. Blue		Ruffino/Corinth. Vinyl (L/B Bench)	DP	Silver	LF	Ginger
BD	Dk. Red	CA	Black	DR	Dk. Green	LG	Avocado
BF	Med. Ginger	CB	Med. Blue	DT	Beige-Brn.		Corinth. Vinyl (H/B Bucket)
BP	Silver	CR	Med. Green	DY	Gold	PU	Tan
BR	Dk. Green	CT	Beige-Brn.		Tobacco	MERCURY	
BT	Beige-Brn.		Baroda B/Cloth and Corinth. Vinyl (L/B Bench)	DZ	Gold		Linares B/Cloth and Corinth. Vinyl (L/B Bench)
BY	Gold	DA	Black	DO	Tobacco	AA	Black**
BZ	Tobacco	DB	Med. Blue	DW	W/Blue*	AB	Med. Blue**
BO	W/Blue*	DF	Ginger	D5	W/Black*	AR	Med. Green**
BW	W/Black*	DR	Med. Green	D9	W/Green*	AT	Beige**
B5	W/Green*	DT	Beige-Brn.		W/Tobacco*		Akron/Corinth. Vinyl (L/B Bench)
B9	W/Tobacco*		Ruffino/Corinth. Vinyl (L/B Bench)	EA	Black	BA	Black**
COUGAR		EA	Black	EB	Dk. Blue	BB	Med. Blue**
	Ruffino/Corinth. Vinyl (H/B Bucket)	EB	Med. Blue	ED	Dk. Red	BR	Med. Green**
AA	Black	EF	Ginger	EF	Ginger	BT	Beige**
AB	Med. Blue	ER	Med. Green	EP	Silver		Barletta B/Cloth and Corinth. Vinyl (L/B Bench)
AF	Med. Ginger	ET	Beige-Brn.	ER	Dk. Green	CA	Black
AG	Avocado		Ruffino/Corinth. Vinyl (L/B Bench)	ET	Beige-Brn.	CB	Med. Blue
AQ	W/Blue*	FA	Black	EY	Gold	CR	Med. Green
AW	W/Black*	FB	Med. Blue	EZ	Tobacco	CT	Beige
		FF	Ginger				

*White Trim with Color Components

**CANADA ONLY

**White Trim with Black Components

INTERIOR TRIM CODES (Cont'd)

Code	Trim Scheme	Code	Trim Scheme	Code	Trim Scheme	Code	Trim Scheme
DA	Ruffino/Corinth. Vinyl (L/B Bench) Black	ZR	Med. Green	FA	Black		Sphere B/Cloth and Corinth. Vinyl (L/B Bench)
DB	Med. Blue	ZT	Beige	FB	Med. Blue	BA	Black
DR	Med. Green	ZZ	Tobacco	FF	Med. Ginger	BB	Med. Blue
DT	Beige		MONTEGO	FG	Avocado	BR	Med. Green
	Abalone B/Cloth and Corinth. Vinyl (L/B Bench)		Sphere B/Cloth and Corinth. Vinyl (L/B Bench)	FU	Tan	BT	Beige-Brn.
GA	Black	AA	Black		Sebring Knit and Corinth. Vinyl (H/B Bucket)	BZ	Tobacco
GB	Med. Blue	AB	Med. Blue	GA	Black		Ruffino/Corinth. Vinyl (L/B Bench)
GR	Med. Green	AR	Med. Green	GB	Med. Blue	CA	Black
GT	Beige		Tahiti/Corinth. Vinyl (L/B Bench)	GF	Med. Ginger	CB	Med. Blue
HA	Ruffino/Corinth. Vinyl (L/B Bench) Black	BA	Black	GG	Avocado	CF	Ginger
HB	Med. Blue	BB	Med. Blue	GU	Tan	CR	Med. Green
HR	Med. Green	BR	Med. Green	GW	White***	CT	Beige-Brn.
HT	Beige		Sphere B/Cloth and Corinth. Vinyl (L/B Bench)		PINTO		Balmoral B/Cloth and Corinth. Vinyl (L/B Bench)
	Radiant B/Cloth and Corinth. Vinyl (H/B S/Bench)	CA	Black		Dallas/Corinth. Vinyl (H/B Bucket)	DA	Black
JA	Black	CB	Med. Blue	AA	Black	DF	Ginger
JB	Med. Blue	CR	Med. Green	AB	Med. Blue		Balmoral B/Cloth and Corinth. Vinyl (L/B Bench)
JR	Med. Green	CT	Beige-Brn.	AF	Med. Ginger	EA	Black
JT	Beige	CZ	Tobacco	AG	Avocado	EF	Ginger
JZ	Tobacco		Ruffino/Corinth. Vinyl (L/B Bench)	AT	Beige-Brn.		Ruffino/Corinth. Vinyl (L/B Bench)
	Abalone B/Cloth and Corinth. Vinyl (L/B Bench)	DA	Black	AQ	W/Blue*	FA	Black
KA	Black	DB	Med. Blue	AW	W/Black*	FB	Med. Blue
KB	Med. Blue	DF	Ginger	A3	W/Ginger*	FF	Ginger
KR	Med. Green	DR	Med. Green	A6	W/Avocado*	FR	Med. Green
KT	Beige	DT	Beige-Brn.		Manston B/Cloth and Corinth. Vinyl (H/B Bucket)	FT	Beige-Brn.
KZ	Tobacco		Valino/Corinth. Vinyl (L/B Flight Bench)	BA	Black		Ruffino/Corinth. Vinyl (L/B Bench)
LA	Ruffino/Corinth. Vinyl (L/B Bench) Black	EA	Black	BB	Med. Blue	GA	Black
LB	Med. Blue	EB	Med. Blue	BC	Orange	GB	Med. Blue
LF	Ginger	EF	Ginger	BF	Med. Ginger	GF	Ginger
LR	Med. Green	ER	Med. Green	BH	Fuchsia	GR	Green
LT	Beige	ET	Beige-Brn.	BT	Beige-Brn.		Ruffino/Corinth. Vinyl (H/B Bucket)
LZ	Tobacco		Ruffino/Corinth. Vinyl (H/B Bucket)	BY	Yellow	KA	Black
	Radiant B/Cloth and Corinth. Vinyl (H/B S/Bench)	FA	Black	CA	Black	KB	Med. Blue
MA	Black	FB	Med. Blue	CB	Med. Blue	KF	Ginger
MB	Med. Blue	FF	Ginger	CF	Med. Ginger	KR	Med. Green
MR	Med. Green	FR	Med. Green	CG	Avocado	KT	Beige-Brn.
MT	Beige	FT	Beige-Brn.	CT	Beige-Brn.		Ruffino/Corinth. Vinyl (H/B Bucket)
MZ	Tobacco		Kismet B/Cloth and Corinth. Vinyl (L/B Flight Bench)	CQ	W/Blue*	MA	Black
	Radiant B/Cloth and Corinth. Vinyl (L/B Bench)	GA	Black	CW	W/Black*	MB	Med. Blue
NA	Black	GB	Med. Blue	C3	W/Ginger*	MF	Ginger
NB	Med. Blue	GR	Med. Green	C6	W/Avocado*	MR	Med. Green
NR	Med. Green	GT	Beige-Brn.		THUNDERBIRD	MT	Beige-Brn.
NT	Beige	GZ	Tobacco		Lambeth B/Cloth and Corinth. Vinyl (H/B Bucket)		Inverness B/Cloth and Corinth. Vinyl (L/B Flight Bench)
NZ	Tobacco		Valino/Corinth. Vinyl (L/B Flight Bench)	GA	Black	NA	Black
SA	Valino/Corinth. Vinyl (H/B S/Bench) Black	HA	Black	GB	Dk. Blue	NB	Med. Blue
SB	Med. Blue	HB	Med. Blue	GF	Ginger	NR	Med. Green
SF	Ginger	HF	Ginger	GR	Ok. Green	NT	Beige-Brn.
SR	Med. Green	HR	Med. Green		Aurora B/Cloth and Corinth. Vinyl (L/B S/Bench)	NZ	Tobacco
ST	Beige	HT	Beige-Brn.	HA	Black		Sphere B/Cloth and Corinth. Vinyl (L/B Bench)
SZ	Tobacco		Ruffino/Corinth. Vinyl (H/B Bucket)	HB	Dk. Blue	QA	Black
	Barletta B/Cloth and Corinth. Vinyl (L/B Bench)	JA	Black	HF	Ginger	QB	Med. Blue
VA	Black	JB	Blue	HR	Dk. Green	QR	Med. Green
VB	Med. Blue	JF	Ginger	HY	Gold	QT	Beige-Brn.
VR	Med. Green	JR	Green	HZ	Tobacco	OZ	Tobacco
VT	Beige	JT	Beige-Brn.		Natural Grain Leather and Mateao Vinyl (L/B S/Bench)		Ruffino/Corinth. Vinyl (L/B Bench)
	Ruffino/Corinth. Vinyl (L/B Bench)		MUSTANG	KA	Black	RA	Black
WA	Black		Ruffino/Corinth. Vinyl (H/B Bucket)	KB	Dk. Blue	RB	Med. Blue
WB	Med. Blue	AA	Black	KF	Ginger	RF	Ginger
WR	Med. Green	AB	Med. Blue	KR	Dk. Green	RR	Med. Green
WT	Beige	AF	Med. Ginger	KY	Gold	RT	Beige-Brn.
	Ruffino/Corinth. Vinyl (L/B Bench)	AG	Avocado	KZ	Tobacco		Ruffino/Corinth. Vinyl (H/B Bucket)
YA	Ruffino/Corinth. Vinyl (L/B Bench) Black**	AU	Tan	KQ	W/Blue*	SA	Black
YB	Med. Blue**	AW	White***	KW	W/Black*	SB	Med. Blue
YR	Med. Green**		Sebring Knit and Corinth. Vinyl (H/B Bucket)	K5	W/Green*	SF	Ginger
YT	Beige**	CA	Black	K9	W/Tobacco*	SR	Med. Green
	Valino/Corinth. Vinyl (H/B S/Bench)	CB	Med. Blue		TORINO/RANCHERO	ST	Beige-Brn.
ZA	Black	CF	Med. Ginger		Akron/Corinth. Vinyl (L/B Bench)		Ruffino/Corinth. Vinyl (L/B Bench)
ZB	Med. Blue	CG	Avocado	AA	Black	UA	Black
ZF	Ginger	CU	Tan	AB	Med. Blue	UB	Med. Blue
		CW	White***	AR	Med. Green	UF	Ginger
			Lambeth B/Cloth and Corinth. Vinyl (H/B Bucket)	AT	Beige-Brn.	UR	Med. Green
						UT	Beige-Brn.
							Balmoral B/Cloth and Corinth. Vinyl (L/B Bench)
						VA	Black
						VF	Ginger

*White Trim with Color Components

**CANADA ONLY

***White Trim with Black Components

Wheels and Tires	GROUP 11
------------------	--------------------

PART 11-01	PAGE	PART 11-10	PAGE
General Wheel and Tire Service	11-01-01	Wheel Hubs and Bearings—Front	11-10-01
PART 11-02		PART 11-11	
Wheels and Tires—Drop Center Rim	11-02-01	Wheel Hubs and Bearings—Rear	11-11-01

PART 11-01 General Wheel and Tire Service

Applies to All Models			
COMPONENT INDEX	Page	COMPONENT INDEX	Page
FRONT WHEEL BEARING MAINTENANCE	01-01	TIRE SIZES	01-01
TIRE INSPECTION	01-03	WHEEL BALANCING	01-01
		WHEEL INSPECTION	01-03

ADJUSTMENTS

WHEEL BALANCING

See the instructions provided with the Rotunda Wheel Balancer.

Make certain that the brakes are not dragging before attempting to spin the wheels. On vehicles equipped with disc brakes, push the brake shoes into the caliper to free the rotor.

FRONT WHEEL BEARING MAINTENANCE

Wheel bearings are adjustable to correct for bearing and spindle shoulder wear. Satisfactory operation and long life of bearings depend on proper adjustment and correct lubrication. **If bearings are adjusted too tightly, they will overheat and wear rapidly. An adjustment that is excessively loose will**

cause pounding and contribute to uneven tire wear, steering difficulties and inefficient brakes. The bearing adjustment should be checked at regular inspection intervals.

TIRE SIZES

When replacing tires or wheels, it is **MANDATORY** to use only the standard or optional tire sizes and types recommended on the tire chart attached to the vehicle. Wheel rim widths and offsets must be those recommended by the car manufacturer for that tire size (see Fig. 1). This illustration shows a greater variety of combinations than in the past.

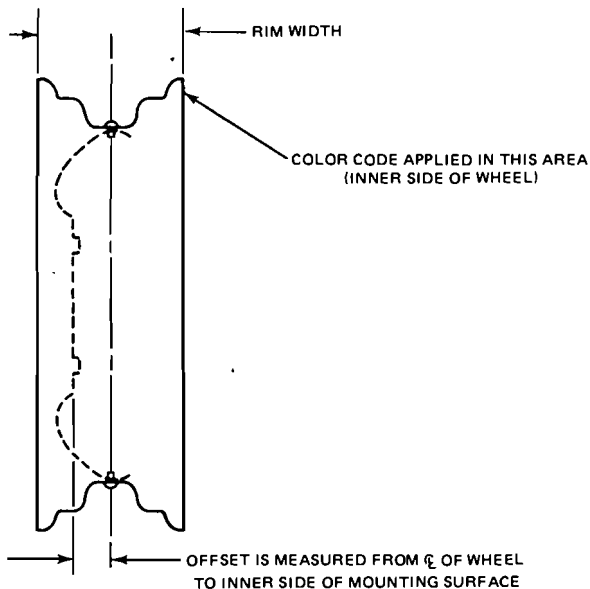
Tires and wheels other than those recommended above can adversely affect the safety and durability of your

vehicle; and, therefore, **MUST NOT BE USED.**

All tires and wheels on the vehicle should be of the same size, type, and load carrying capacity. Never mix radial, belted, and/or conventional-type tires.

Snow tires should be of size and type equivalent to the other tires on the vehicle as recommended above.

Tires larger or smaller than originally installed may affect the accuracy of the speedometer, and require a change of speedometer drive gears. A new Rotunda tire changer is available. Details include a bead seater/inflator using an automatically adjustable inflation ring. This feature aids in properly seating the bead for inflation. To properly operate the new Rotunda tire changer follow the instructions provided.



VEHICLE	TIRE SIZE RELEASED FOR USAGE	WHEEL SIZE	OFFSET	COLOR CODE
PINTO	A78-13, 600-13	13 x 4	1.0	PINK
	A70-13, A78-13, 175-13, 175R-13	13 x 5	1.0	YELLOW or ALUMINUM
MAVERICK/COMET	6.45-14, C78-14	14 x 4.5	0.0	WHITE-ORANGE
	D70-14, DR78-14	14 x 6	0.0	BROWN-VIOLET or ALUMINUM
MUSTANG	E78-14, F78-14, E70-14, F70-14, GR78-14	14 x 6	0.0	ALUMINUM
MUSTANG COUGAR	E78-14, F78-14, E70-14, F70-14, GR78-14	14 x 5.5	0.0	GREEN-YELLOW
COUGAR	E78-14, F78-14, F70-14	14 x 7	0.0	WHITE-YELLOW
TDRINO-MONTEGO	F78-14, G78-14, E78-14	14 x 5	0.55	RED-GREEN
	H78-14, HR78-14	14 x 5.5	0.25	BROWN-ORANGE
TORINO-RANCHERO	E78-14, F78-14, G78-14, F70-14, G70-14	14 x 7	0.25	RED
TORINO-MONTEGO RANCHERO	F70-14, G70-14, H70-14	14 x 6	0.25	YELLOW-WHITE
RANCHERO	E78-14, F78-14, G78-14, H78-14, HR78-14	14 x 5.5	0.25	BROWN-ORANGE
	F78-15, G78-15	15 x 6	0.45	PINK-WHITE
TORINO (TAXI)	F78-15	15 x 6	0.45	PINK-WHITE
TORINO-MONTEGO (POLICE)	G78-15, H78-15	15 x 6.5	0.45	VIOLET-YELLOW
FORD-MERCURY METEOR	G78-15	15 x 5	0.45	WHITE-WHITE
	H78-15, J78-15	15 x 5.5	0.62	WHITE-GREEN
	HR78-15, JR78-15, 225-15	15 x 6	0.45	YELLOW-YELLOW
FORD-MERCURY (STATION WAGON)	J78-15, HR78-15, 225-15	15 x 6.5	0.45	VIOLET-VIOLET
FORD (POLICE)	H78-15, J78-15	15 x 6.5	0.45	VIOLET-VIOLET
MERCURY (POLICE)	J78-15	15 x 6.5	0.45	VIOLET-VIOLET
FORD-MERCURY (STANDARD WITH CLASS III TOWING PACKAGE)	J78-15	15 x 6.5	0.45	VIOLET-VIOLET
THUNDERBIRD	230-15, LR78-15			
LINCOLN CONTINENTAL	LR78-15, 230-15	15 x 6	0.45	YELLOW-YELLOW
CONTINENTAL MARK IV	230-15, LR78-15			

F1820-C

FIG. 1 Car Tire Wheel Combinations

CLEANING AND INSPECTION

WHEEL INSPECTION

Wheel hub nuts should be inspected and tightened to specification at predelivery. Loose wheel hub nuts may cause shimmy and vibration. Elongated stud holes in the wheels may also result from loose hub nuts. Hub nuts should be torqued to 70-115 ft-lbs.

Keep the wheels and hubs clean. Stones wedged between the wheel and drum and lumps of mud or grease can unbalance a wheel and tire.

Check for damage that would affect the runout of the wheels. Wobble or shimmy caused by a damaged wheel will eventually damage the wheel bearings. Inspect the wheel rims for dents that could permit air to leak from the tires.

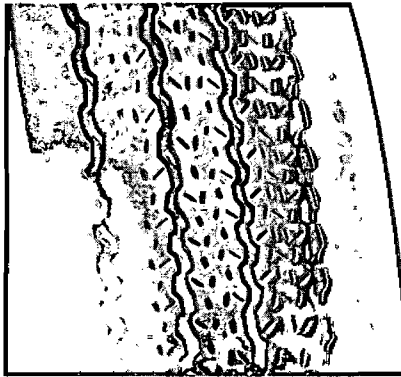
Front hubs and bearings should be cleaned, inspected and lubricated whenever the hubs are removed or at the mileage/time periods indicated in the maintenance schedule.

New hub grease seals should be installed when the hub is removed. An

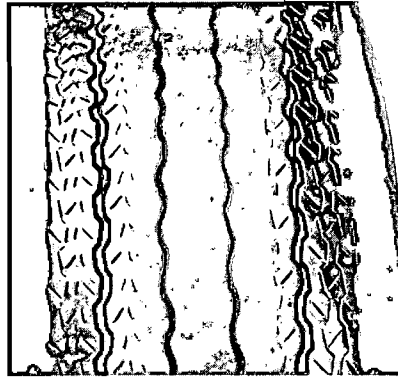
imperfect seal may permit bearing lubricant to reach the brake linings resulting in faulty brake operation and necessitating premature cleaning or replacement of linings.

TIRE INSPECTION

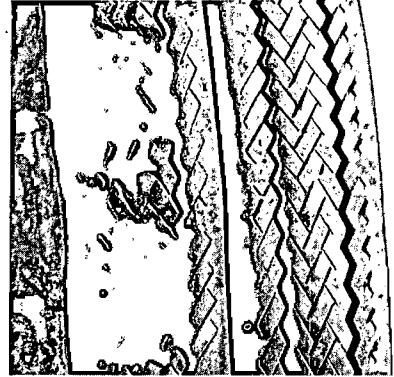
Incorrect wheel alignment can cause tire wear. Abnormal or excessive tire wear can also be caused by wheel/tire unbalance or incorrect tire pressure. Typical tire wear patterns are shown in Fig. 2.



UNDERINFLATION



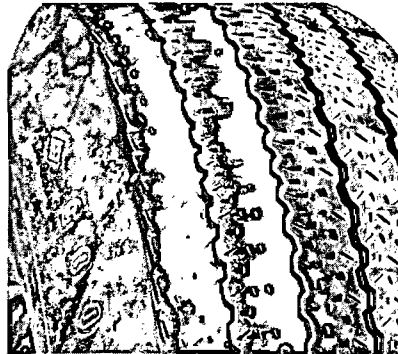
OVERINFLATION



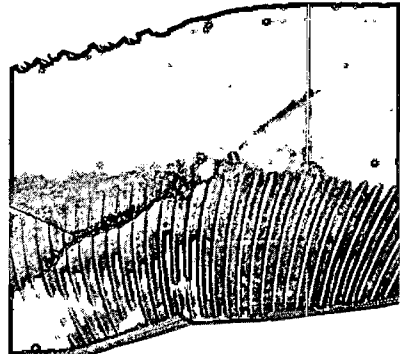
CUPPING—UNDERINFLATION AND/OR MECHANICAL IRREGULARITIES



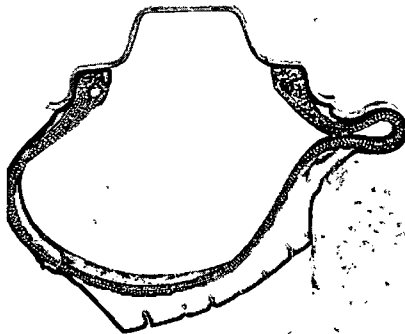
INCORRECT TOE-IN OR EXTREME CAMBER



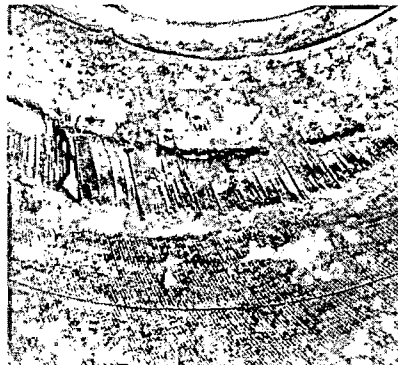
FEATHERING DUE TO MISALIGNMENT OR SEVERE CORNERING



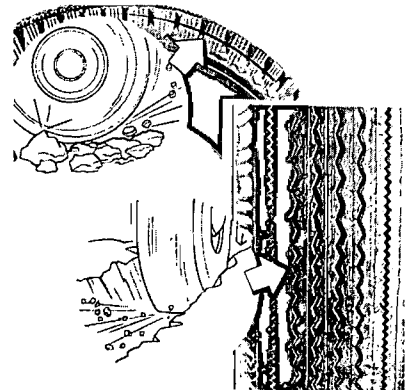
STONE BRUISE



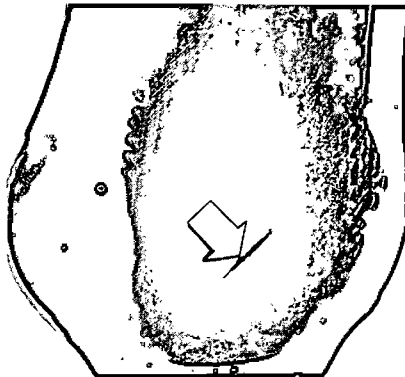
STONE BRUISE



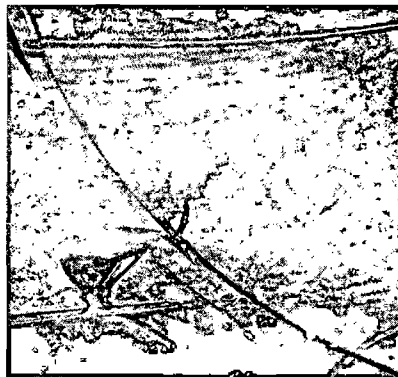
UNDERINFLATION



ROCK CUT



BRUISE



HEAT BRUISE



DOUBLE BRUISE—SHARP OBJECT AND RESULTING FATIGUE

F1467-D

FIG. 2 Tire Wear Conditions

PART 11-02 Wheels and Tires— Drop Center Rim

COMPONENT INDEX	Page	COMPONENT INDEX	Page
FRONT WHEEL ASSEMBLY		SPACE SAVER SPARE TIRE	
Description	02-01	Description	02-01
HOISTING INSTRUCTIONS	02-02	WHEELS AND TIRES	
REAR WHEEL ASSEMBLY		Removal and Installation	02-02
Description	02-02		

DESCRIPTION

SPACE SAVER SPARE TIRE

A space saver spare tire is available as a regular production option on certain Mustang vehicles.

The Space Saver Spare is designed primarily to provide more room in the luggage compartment. The tire is installed on the wheel in a deflated condition and protrudes barely beyond the periphery of the wheel; thereby, leaving extra storage space. Although more storage space is available, the vehicle full rated load specification must not be exceeded. This tire is not designed for extended mileage; The Space Saver Spare will enable the driver to drive at normal speed and load to the nearest service facility for repairs to a flat tire. Usage beyond this limited purpose is not recommended.

To inflate, carefully follow the instructions shown on the tire inflator can which is stowed under the tire and wheel assembly in the trunk Use Inflater D1ZA-19F514-AA or Equivalent. Tire warranty for the Space Saver Spare is the same as original equipment tires. This warranty is void if inflators with sealants are used. While inflating, keep hands off of metal parts of the inflator since the bottle becomes extremely cold during discharge. Read the instructions on the bottle label. Always dispose of the empty bottle. Do not puncture or incinerate. The inflator, when completely used, will inflate the tire within specifications. The Space Saver Spare can, in case of a puncture, be repaired the same as an original equipment tire. The Space Saver Spare can be deflated in the same manner as a conventional tire.

FRONT WHEEL ASSEMBLY

Each front wheel and tire is bolted to its respective front hub and brake drum

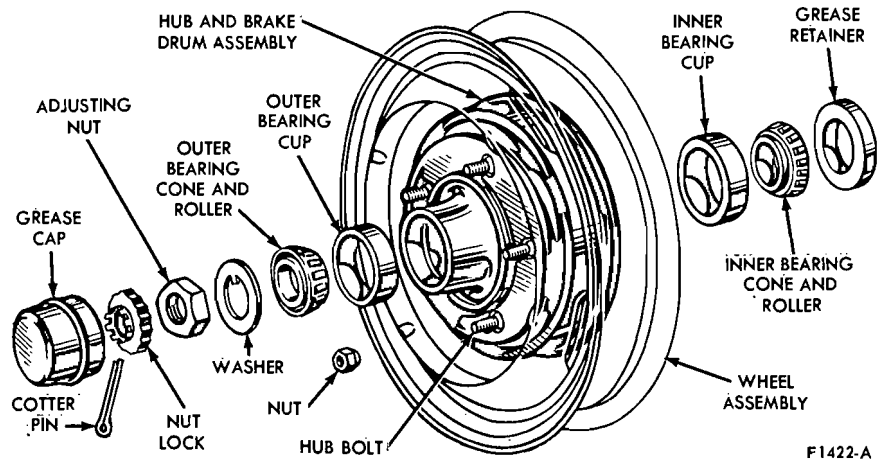


FIG. 1 Front Hub, Bearing and Grease Retainer Drum Brakes

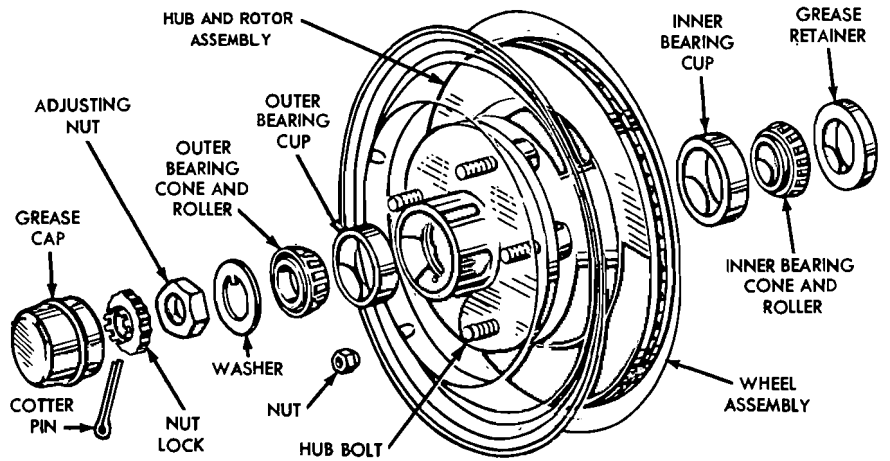


FIG. 2 Front Hub Bearing and Grease Retainer-Disc Brakes—Typical

or rotor assembly. Two opposed tapered roller bearings are installed in each hub. A grease retainer is installed at the inner end of the hub to prevent lubricant from

leaking into the drum or on the rotor. The entire assembly is retained to its spindle by the adjusting nut, nut lock and cotter pin (Figs. 1 and 2).

REAR WHEEL ASSEMBLY

The rear wheel brake drum is attached to studs on the rear axle shaft hub flange by three speed nuts. The

wheel and tire mounts on the same rear axle shaft flange studs and is held against the hub and drum by the wheel nuts. The rear wheel bearing is pressed onto the axle shaft just inside the shaft

flange, and the entire assembly is retained to the rear axle housing by the bearing retainer plate which is bolted to the housing flange.

REMOVAL AND INSTALLATION**HOISTING INSTRUCTIONS**

Damage to steering linkage components and front suspension struts may occur if care is not exercised when positioning the hoist adapters of 2 post hoists prior to lifting the vehicle.

If a 2 post hoist is used to lift the vehicle, place the adapters under the lower arms or (except for Pinto) the No. 1 crossmember. Do not allow the adapters to contact the steering linkage. If the adapters are placed under the crossmember, a piece of wood (2x4x16 inches) should be placed on the hoist channel between the adapters. This will prevent the adapters from damaging the front suspension struts.

WHEELS AND TIRES**WHEEL AND TIRE REMOVAL**

1. Pry off the wheel hub cap or wheel cover. Loosen but do not remove the wheel hub nuts.
2. Raise the vehicle until the wheel and tire clear the floor.
3. Remove the wheel hub nuts from the bolts, and pull the wheel and tire from hub and drum.

WHEEL AND TIRE INSTALLATION

1. Clean all dirt from the hub and drum.
2. Position the wheel and tire on the hub and drum. Install the wheel hub

nuts and tighten them alternately to draw the wheel evenly against the hub and drum.

3. Lower the vehicle to the floor, and torque the hub nuts to specification.

REMOVING AND INSTALLING TIRE FROM WHEEL

Follow the instructions supplied with the Rotunda KKRE-888 (or equivalent) tire changer. Further details of this tire changer are covered under Adjustments, Group 11, Part 1.

PART 11-10 Wheel Hubs and Bearings—Front

Applies to All Models			
COMPONENT INDEX	Page	COMPONENT INDEX	Page
FRONT HUB AND DRUM ASSEMBLY Removal and Installation	10-04	FRONT WHEEL GREASE SEAL Removal and Installation	10-02
FRONT HUB AND ROTOR ASSEMBLY Removal and Installation	10-04	HOISTING INSTRUCTIONS	10-01
FRONT WHEEL ASSEMBLY Description	10-01	SPECIAL TOOLS	10-04
		FRONT WHEEL BEARINGS Adjustment	10-01

DESCRIPTION

FRONT WHEEL ASSEMBLY

Each front wheel and tire is bolted to its respective front hub and brake drum or rotor assembly. Two opposed tapered

roller bearings are installed in each hub. A grease retainer is installed at the inner end of the hub to prevent lubricant from leaking into the drum or on the rotor. The entire assembly is retained to its

spindle by the adjusting nut, nut lock and cotter pin (Figs. 1 and 2, Group 11, Part 02).

ADJUSTMENTS

HOISTING INSTRUCTIONS

Damage to steering linkage components and front suspension struts may occur if care is not exercised when positioning the hoist adapters of 2 post hoists prior to lifting the vehicle.

If a 2 post hoist is used to lift the vehicle, place the adapters under the lower arms or (except Pinto) the No. 1 crossmember. Do not allow the adapters to contact steering linkage. If the adapters are placed under the crossmember, a piece of wood (2 x 4 x 16 inches) should be placed on the hoist channel between the adapters. This will prevent the adapters from damaging the front suspension struts.

FRONT WHEEL BEARING ADJUSTMENT

The front wheel bearings should be adjusted if the wheel is loose on the spindle or if the wheel does not rotate freely. The following procedures will bring the bearing adjustment to specification.

DRUM BRAKES

1. Raise the vehicle until the wheel and tire clear the floor.
2. Pry off the hub cap or wheel cover and remove the grease cap from the hub.

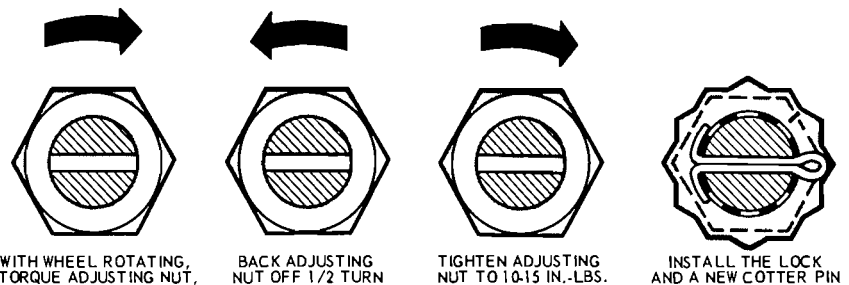


FIG. 1 Front Wheel Bearing Adjustment

3. Wipe the excess grease from the end of the spindle, and remove the cotter pin and nut lock.
4. While rotating the wheel, hub, and drum assembly, torque the adjusting nut to 17-25 ft-lbs to seat the bearings (Fig. 1).
5. Back off the adjusting nut one half turn. Retighten the adjusting nut to 10-15 in.-lbs with a torque wrench or finger tight.
6. Position the nut lock on the adjusting nut so that the castellations on the lock are aligned with the cotter pin hole in the spindle, and install a new cotter pin. Bend the ends of the cotter pin

around the castellated flange of the nut lock.

7. Check the front wheel rotation. If the wheel rotates properly, install the grease cap and the hub cap or wheel cover. If the wheel still rotates roughly or noisily, clean, inspect or replace the bearings and cups as required.

DISC BRAKES

1. Raise the vehicle until the wheel and tire clear the floor.
2. Pry off the wheel cover and remove the grease cap from the hub.
3. Wipe the excess grease from the end of the spindle, and remove the

F1417-A

- adjusting nut cotter pin and nut lock.
- Loosen the bearing adjusting nut three turns. Then, rock the wheel, hub, and rotor assembly in and out several times to push the shoe and linings away from the rotor.
 - While rotating the wheel, hub, and rotor assembly, torque the adjusting nut to 17-25 ft-lbs to seat the bearings (Fig. 1).

- Back the adjusting nut off one half turn. Retighten the adjusting nut to 10-15 in-lbs with a torque wrench or finger tight.
- Locate the nut lock on the adjusting nut so that the castellations on the lock are aligned with the cotter pin hole in the spindle.
- Install a new cotter pin, and bend the ends of the cotter pin around the castellated flange of the nut lock.

- Check the front wheel rotation. If the wheel rotates properly, install the grease cap and the hub cap or wheel cover. If the wheel still rotates roughly or noisily, clean or replace the bearings and cups as required.
- Before driving the vehicle, pump the brake pedal several times to obtain normal brake lining to rotor clearance and restore normal brake pedal travel.

REMOVAL AND INSTALLATION

HOISTING INSTRUCTIONS

Damage to steering linkage components and front suspension struts may occur if care is not exercised when positioning the hoist adapters of 2 post hoists prior to lifting the vehicle.

If a 2 post hoist is used to lift the vehicle, place the adapters under the lower arms or (except for Pinto), the No. 1 crossmember. Do not allow the adapters to contact the steering linkage. If the adapters are placed under the crossmember, a piece of wood (2x4x16 inches) should be placed on the hoist channel between the adapters. This will prevent the adapters from damaging the front suspension struts.

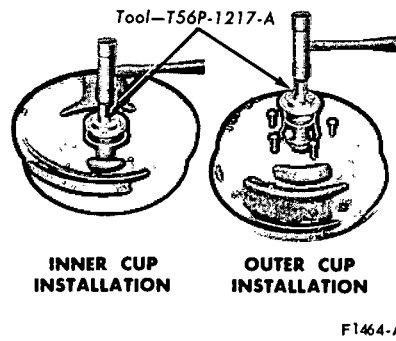


FIG. 3 Installing Front Wheel Bearing Cups—Drum

FRONT WHEEL GREASE SEAL AND BEARING REMOVAL, INSTALLATION AND/OR REPACKING

If bearing adjustment will not eliminate looseness or rough and noisy operation, the hub and bearings should be cleaned, inspected, and repacked with specified wheel grease. If the bearing cups or the cone and roller assemblies are worn or damaged, they should be replaced.

DRUM BRAKES

- Raise the vehicle until the wheel and tire clear the floor.
- Remove the wheel cover or hub cap. Remove the grease cap from the hub. Remove the cotter pin, nut lock, adjusting nut, and flat washer from the spindle. Remove the outer bearing cone and roller assembly (Fig. 1, and 2, Part 11-02).
- Pull the wheel, hub, and drum assembly off the wheel spindle.
- Remove the grease retainer with Tool 1175AB and discard. Remove the inner bearing cone and roller assembly from the hub.
- Clean the lubricant off the inner and outer bearing cups with solvent and

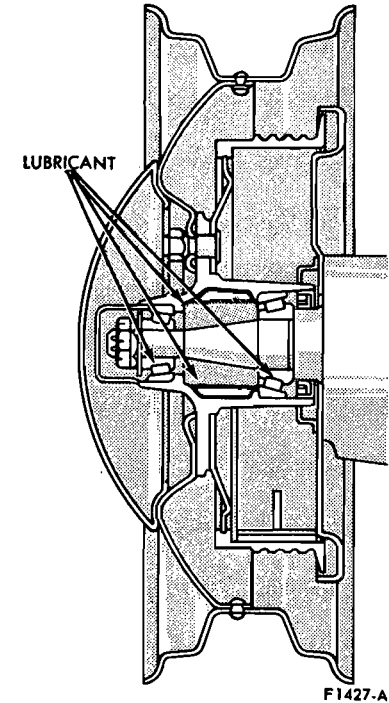


FIG. 4 Front Wheel Hub Lubrication

inspect the cups for scratches, pits, excessive wear, and other damage. If the cups are worn or damaged, remove them with Tool T69L-1102-A (Fig. 2).

- Thoroughly clean the inner and outer bearing cone and roller assemblies with solvent and dry them thoroughly. **Do not spin the bearings with compressed air. Inspect the cone and roller assemblies for wear or damage, and replace them if necessary. The cone and roller assemblies and the bearing cups should be replaced as a unit if damage to either is encountered.**
- Thoroughly clean the spindle and the inside of the hub with solvent to remove all old lubricant. Cover the spindle with a clean cloth, and brush all loose dust and dirt from

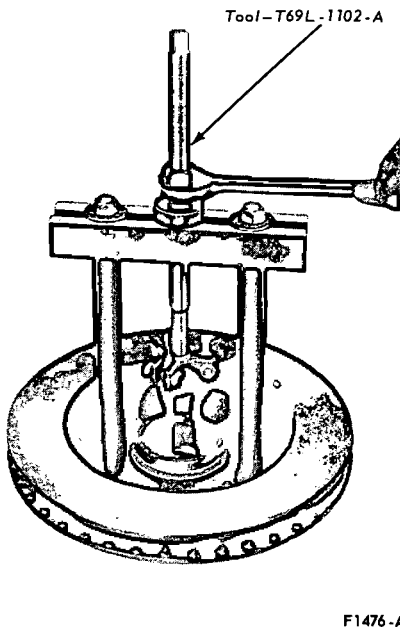


FIG. 2 Removing Front Wheel Bearing Cups—Disc (Drum-Type Similar)